

Converting Colors

YIQ(142.1480, 48.1790, 46.4750)

Have a look what the booklet for
YIQ(142.1480, 48.1790, 46.4750)
contains.

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Color

**YIQ(142.1480, 48.1790,
46.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	D963A8
RGB	217, 99, 168
RGB Percent	85%, 39%, 66%
CMY	0.1487, 0.6119, 0.3410
CMYK	0.00, 0.54, 0.23, 0.15
HSL	325°, 61%, 62%
HSV	325°, 54%, 85%
XYZ	40.1681, 26.5071, 40.0622
YIQ	142.1480, 48.1790, 46.4750

Conversions

Conversions Part 2

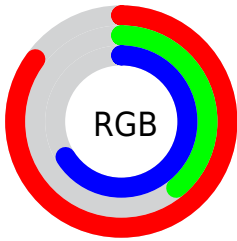
Format	Color
R _Y B	217, 99, 168
Decimal	14246824
CIE Lab	58.52, 54.03, -14.84
CIE LCh	59, 56.033, 344.643
Yxy	26.5071, 0.3763, 0.2483
Android (android.graphics.Color)	4292436904 (0xFFD963A8)
YUV	142.1480, 12.7450, 65.6452
Hunter-Lab	51.4851, 49.1649, -10.0959

Details

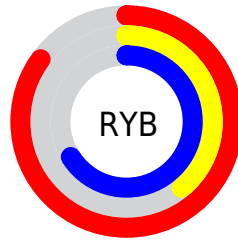
The YIQ color **142.1480, 48.1790, 46.4750** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **173.8520, -48.1790, -46.4750**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0650, 38.0470, 42.8710**, and **86.0060, 45.7030, 47.2950** is the 20% darker color. If you saturate the color by 10%, you get **128.2080, 57.1180, 55.1820**, and if you desaturate by 10%, it is **156.0880, 39.2400, 37.7680**.

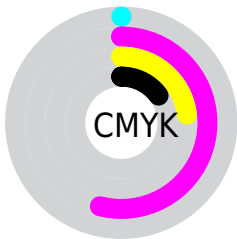
Distribution



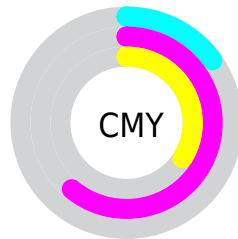
- Red (85%)
- Green (39%)
- Blue (66%)



- Red (85%)
- Yellow (39%)
- Blue (66%)



- Cyan (0%)
- Magenta (54%)
- Yellow (23%)
- Black (15%)




- Cyan (15%)
- Magenta (61%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.1480, 48.1790, 46.4750 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 142.1480, 48.1790, 46.4750 by changing the saturation by 10% instead.

 142.1480, 48.1790,
46.4750


 142.1480, 48.1790,
46.4750


255.0000, -0.0000,
-0.0000


 114.6640, 46.6660,
46.3620


 192.0650, 38.0470,
42.8710


 86.0060, 45.7030,
47.2950


 211.8070, 21.0380,
37.2460


 51.3040, 48.0400,
54.5040

 229.1720, 12.1000,
23.0120

 38.8480, 40.1560,
43.1960

 246.1950, 4.1250,
7.8450

 27.8540, 30.8510,
30.1070

 18.3980, 22.9670,
18.7990

 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 142.1480, 48.1790,
46.4750

■ 142.1480, 48.1790,
46.4750

■ 128.2080, 57.1180,
55.1820

■ 156.0880, 39.2400,
37.7680

■ 114.8550, 65.7820,
63.3660

■ 169.4410, 30.5760,
29.5840

■ 100.9150, 74.7210,
72.0730

■ 183.3810, 21.6370,
20.8770

■ 86.9750, 83.6600,
80.7800

■ 197.3210, 12.6980,
12.1700

■ 79.3610, 88.5650,
85.5010

■ 210.6740, 4.0340,
3.9860

■ 224.6140, -4.9050,
-4.7210

■ 238.5540,
-13.8440, -13.4280

■ 241.9280,
-17.8330, -12.7210

■ 242.9540,
-20.7220, -9.9220

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144.7590, 3.7980, 41.3180



142.1480, 48.1790, 46.4750



138.6880, 72.4810, 35.5610

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



142.1480, 48.1790, 46.4750



132.7480, 34.4390, -34.9450



118.9200, -111.6390, -19.7270

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



142.1480, 48.1790, 46.4750



173.8520, -48.1790, -46.4750

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.9640, -97.7440, -34.7680



142.1480, 48.1790, 46.4750



126.1090, -12.2340, -42.6180

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



142.1480, 48.1790, 46.4750



136.1960, 63.1370, -15.3830



108.5630, -81.0980, -50.1060



116.6010, -117.5100, -6.9340

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.1480, 48.1790, 46.4750



138.3550, 77.2520, 20.6760



108.5630, -81.0980, -50.1060



117.9110, -107.4200, -24.6040

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



142.1480, 48.1790, 46.4750



228.9950, 16.7320, 16.1560



126.5050, -9.8660, 46.6620



112.0710, 10.4060, 9.6540



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.1480, 48.1790, 46.4750



149.6920, 67.7990, 65.3590



135.6500, 66.4760, 28.7480



102.9730, 4.6300, 4.1980



63.2410, 70.6870, 68.0870



16.8320, 18.7490, 18.1490

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



142.1480, 48.1790, 46.4750



149.6920, 67.7990, 65.3590



180.3500, -66.4760, -28.7480



102.9730, 4.6300, 4.1980



63.2410, 70.6870, 68.0870



16.8320, 18.7490, 18.1490

Previews

White Background



This preview shows how the YIQ color 142.1480, 48.1790, 46.4750 looks on a white background.

Color Contrast Check

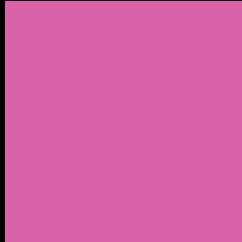
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 142.1480, 48.1790, 46.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

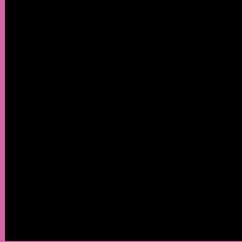
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 142.1480, 48.1790, 46.4750

Background



This preview shows how black text looks on a background with the YIQ color 142.1480, 48.1790, 46.4750.



This preview shows how white text looks on a background with the YIQ color 142.1480, 48.1790,

46.4750.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

142.1480, 48.1790, 46.4750

Protanopia

141.1270, -27.5580, 14.8580

Deuteranopia

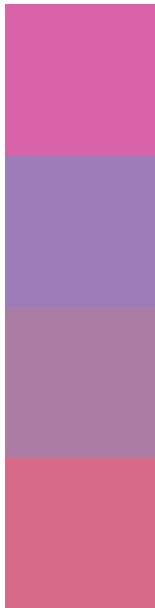
142.8290, -3.5320, 8.9480



Tritanopia

141.4100, 58.2240, 24.1120

Trichromacy



Original Color

142.1480, 48.1790, 46.4750

Protanomaly

141.2340, 0.3620, 26.4900

Deuteranomaly

142.6130, 15.1720, 22.4040

Tritanomaly

141.7120, 54.7380, 32.2260

Monochromacy



Original Color

142.1480, 48.1790, 46.4750

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.7070, 17.6030, 16.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1480, 48.1790, 46.4750 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 99, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 99, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 99, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 99, 168) }
```

Border

The CSS property to change the border of an element to YIQ 142.1480, 48.1790, 46.4750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 99, 168) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(217, 99, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(217, 99, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 99, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 99, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 99,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1480, 48.1790, 46.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 99, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217, 99,  
168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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